

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S11	912383	database data-base db dbase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 13:21
S13	5530	S11 and (disc same DVD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 13:23
S14	464	S13 and (track\$1 with audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 21:14
S15	106676	S11 and (disc CD (compact adj disc\$1) and DVD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/26 17:35
S16	168230	S11 and (disc CD (compact adj disc\$1) and DVD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 13:25
S17	3112	S16 and (track\$1 with audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 13:25
S18	578	S17 and (metadata meta-data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 20:20
S19	17	S18 and (object\$1 with child\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 23:09

## EAST Search History

S20	64	S17 and (object\$1 with child\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 20:22
S21	912383	database data-base db dbase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 20:20
S22	168230	S21 and (disc CD (compact adj disc\$1) and DVD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 20:20
S23	3112	S22 and (track\$1 with audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 21:24
S24	615	S23 and (metadata meta-data (meta adj1 data))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 22:11
S25	423	(S23 and (metadata meta-data (meta adj1 data))) and version	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 22:14
S26	19	S25 and (object\$1 with child\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 20:22
S28	1272289	"audio.ab", ti, "clm."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 22:10

## EAST Search History

S29	18	S28 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 22:10
S30	497	S23 and (metadata meta-data (meta adj1 data)) and (id identifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 22:11
S31	195	(S23 and (metadata meta-data (meta adj1 data))) and version and hierarch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 22:14
S32	215	(S23 and (metadata meta-data (meta adj1 data))) and version and (hierarch\$4 tree\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 22:18
S33	129	((S23 and (metadata meta-data (meta adj1 data))) and version and (hierarch\$4 tree\$1)) and (render\$4 rip\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 22:19
S34	8666	(disc CD (compact adj disc\$1) and DVD) and metadata	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/26 17:36
S35	1211	S34 and "709"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/26 17:36
S36	821	S34 and "715"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/26 17:36

## EAST Search History

S37	3062	S34 and "707"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/26 17:37
S38	26	S35 and S36 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/26 22:13
S40	17526	(metadata meta-data (meta adj1 data)) and (track\$1 CD DVD audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 21:37
S41	140	S40 and 715/500.1,727.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 21:40
S42	791	S40 and 709/203,218,224.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 21:40
S43	2596	S40 and 707/1,10,102,104.1,201.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 21:41
S44	1513	S40 and 707/102,104.1,201.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 21:41
S45	716	S40 and 707/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 21:41

## EAST Search History

S46	784	S40 and 707/104.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 21:41
S47	176	S40 and 707/201.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 21:41
S48	756	S40 and 707/10.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 21:42
S60	32	shar\$3 adj1 playlist	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 01:45

Set	Items	Description
S1	7726978	METADATA? OR META()DATA? ? OR INFORMATION?? OR INSTRUCT? OR INFO OR DESCR? OR SPECIFIC? OR DATA(2W)DATA
S2	263021	S1(7N) (MODIF? OR REVIS??? OR REMODEL? OR ADAPT? OR CHANGE? ? OR CHANGING? OR UPDATING? OR UP()DATE? ? OR CUSTOM? OR TRANSFORM? OR ALTER??? OR REARRANG? OR ADD???)
S3	7672	S2(7N) (DYNAMIC? OR AUTOMATIC? OR SMART? OR PERPETUAL? OR INTUIT? OR SELF OR SELF()DIRECT? OR INTELLIGENT?)
S4	505416	S1(7N) (AFFILIAT? OR ASSOCIAT? OR BOUND? OR CONNECT? OR LINK??? OR CORRELAT? OR RELAT? OR FUNCTION? OR DEPEND?)
S5	285517	S1(7N) (CONJUNCT? OR PARTNER? OR COUPL? OR JOIN? OR CORRESPOND? OR ATTACH? OR CONTINGENT? OR REFLECT? OR SENTITIVE?)
S6	5093196	DATA? ? OR INFORMATION?? OR CONTENT? ? OR RECORD??? OR OBJECT? ? OR FILE?
S7	84728	S6(5N) (OPTICAL? (2W) (DISC? ? OR DISK? OR MEDIA? ? OR MEDIUM-?))
S8	34302	S6(5N) (COMPACT() (DISC? ? OR DISK?) OR CD OR CDROM OR CD()ROM OR DVD OR DVD()ROM)
S9	486247	S6:S8(5N) (FRACTION? OR PART??? OR PORTION? OR SUBSET? OR FRAGMENT? OR PIECE? OR SEGMENT? OR DETAIL?)
S10	60815	S7:S9(5N) (MULTIPL? OR PLURAL? OR EXTRA? OR DUPLICAT? OR ANOTHER? OR DIFFERENT OR MORE(2N)ONE OR SEVERAL OR MANY?)
S11	3793	S9:S10(7N) (RIP OR RIPS OR RIPPED OR RIPPING OR COPY??? OR COPIED OR COPIES OR BURN??? ?)
S12	32027	S9:S10(7N) (MODIF? OR REVIS??? OR REMODEL? OR ADAPT? OR CHANGE? ? OR CHANGING? OR UPDATING? OR UP()DATE? ? OR CUSTOM? OR TRANSFORM? OR ALTER??? OR REARRANG? OR ADD???)
S13	242	S3 AND S4:S5 AND S11:S12
S14	82	S13 AND (METADATA? OR META()DATA? ? OR INFORMATION?? (2W) INFORMATION?? OR DATA(2W)DATA)
S15	78	S14 NOT (PR>2001 OR PR=2002:2006)
S16	2	S15 AND S11
S17	4	S15 AND (METADATA OR META()DATA)
S18	72	S15 NOT S16:S17
S19	0	S18 AND S7:S8
S20	71	S3 AND S7:S8
S21	71	S20 NOT S14
S22	21	S21 AND (METADATA? OR META()DATA? ? OR INFORMATION?? (2W) INFORMATION?? OR DATA(2W)DATA)
S23	50	S21 NOT S22
S24	1	S23 AND S11
S25	2	S23 AND (RIP OR RIPS OR RIPPED OR RIPPING OR COPY??? OR COPIED OR COPIES OR BURN??? ?)
S26	2	S24:S25
S27	84	S14 OR S24:S26
S28	159	S13 NOT S27
S29	7	S28 AND (RIP OR RIPS OR RIPPED OR RIPPING OR COPY??? OR COPIED OR COPIES OR BURN??? ?)

File 350:Derwent WPIX 1963-2006/UD=200678

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File 347:JAPIO Dec 1976-2006/Aug(Updated 061130)

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17/69,K/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0012839945 - Drawing available  
WPI ACC NO: 2002-698330/200275  
Related WPI Acc No: 2005-331745; 2005-617384  
XRPX Acc No: N2002-550734

**Resource allocation system for web-based services allocates resources based on data associated with resources, including instance data and dynamically modifiable metadata**

Patent Assignee: BURTON W G (BURT-I); CHELLIS E C (CHEL-I); COLE J (COLE-I); MICROSOFT CORP (MICT); MOHAN S (MOHA-I); SACHETI A K (SACH-I); VANDENBERG C (VAND-I)

Inventor: BURTON W G; CHELLIS E C; COLE J; MOHAN S; SACHETI A K; VANDENBERG C

**Patent Family** (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020120744	A1	20020829	US 2001796284	A	20010228	200275 B
US 6901446	B2	20050531	US 2001796284	A	20010228	200536 E

Priority Applications (no., kind, date): US 2001796284 A 20010228

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020120744	A1	EN	29	14	

#### Alerting Abstract US A1

NOVELTY - A resource allocation server automatically allocates several resources based on data associated with the resources. The data includes instance data and dynamically modifiable metadata.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- 1.Resource allocation method;
- 2.Data packet; and
- 3.Computer readable medium storing resource allocation program.

USE - For allocating resources for web-based services.

ADVANTAGE - Allocates resources to consumers easily and quickly

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the resources allocation system.

**Title Terms/Index Terms/Additional Words:** RESOURCE; ALLOCATE; SYSTEM; WEB; BASED; SERVICE; DATA; ASSOCIATE; INSTANCE; DYNAMIC; MODIFIED

#### Class Codes

International Classification (Main): G06F-012/00, G06F-015/173  
(Additional/Secondary): G06F-013/00

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F02C2; T01-J20B1

**...web-based services allocates resources based on data associated with resources, including instance data and dynamically modifiable metadata**

...NOVELTY - A resource allocation server automatically allocates several resources based on data associated with the resources. The data

includes instance data and dynamically modifiable metadata .

#### Original Publication Data by Authority

#### Original Abstracts:

...associated with the one or more resources, the data including at least one of, type data , instance data , characteristic data , and dynamically modifiable metadata . An alternative aspect of the system provides one or more components for automatically allocating one...

...associated with the one or more resources, the data including at least one of, type data , instance data , characteristic data , and dynamically modifiable metadata . An alternative aspect of the system provides one or more components for automatically allocating one...

#### Claims:

...<b>1</b>. A system for automatically and dynamically allocating resources, comprising:one or more allocating components adapted to automatically allocate one or more resources, based at least in part on data associated with the one or more resources, the data including at least one of type data , instance data and modifiable metadata , where at least one of the type data , instance data and modifiable metadata are dynamically modifiable ; andone or more storing components adapted to store data associated with the one or more resources, the data including at least one of type data, instance data and dynamically modifiable metadata...

...and dynamically allocating resources, comprising:noticing a resource allocation initiating event, where the initiating event is associated with resource allocation information;identifying resource affinities, based at least in part on resource characteristics, where the resources whose affinities are to be examined are determined, at least in part, by the resource allocation information;locating one or more dependent resources by traversing one or more resource dependency trees, where the resources to be...



18/69,K/44 (Item 44 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0006071553 - Drawing available

WPI ACC NO: 1992-309784/

XRPX Acc No: N1992-237132

**Editing appts. for data having different formats - automatically manages document data and figure data to save retrieving or updating**

Patent Assignee: NEC CORP (NIDE)

Inventor: MURAKI K; NOMURA N

**Patent Family (3 patents, 4 countries)**

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 503673	A2	19920916	EP 1992104420	A	19920313	199238 B
EP 503673	A3	19931208	EP 1992104420	A	19920313	199514 E
US 5408599	A	19950418	US 1992846473	A	19920306	199521 E

Priority Applications (no., kind, date): JP 199173708 A 19910314

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 503673	A2	EN	11	5	
Regional Designated States, Original: DE FR GB					
EP 503673	A3	EN			
US 5408599	A	EN	10	5	

#### Alerting Abstract EP A2

The general editing apparatus is additionally equipped with a display manager, a device for managing related portions between the first kind of data and a second kind of data, and a device for managing related portions in the second kind of data.

The related portions to be simultaneously referred to and updated are automatically managed and updated regardless of the different data formats.

USE/ADVANTAGE - Wordprocessing or spread sheet programs, DTP. Editing performed by smaller number of operations.

#### Equivalent Alerting Abstract US A

Data is simultaneously edited by receiving an edit a content of command to edit a portion of the first kind of data e.g. text through the editing input. The portion of the first kind of data stored in the memory is updated in response to the edit command. A related portion of a second kind of data which is related to the portion of the first kind of data is determined and is simultaneously updated with the **updating** of the **portion** of the first kind of **data** in accordance with the edit command to edit the first kind of data. The second kind of **data** is graphic **data** including bit map expressed character codes.

The edit command requests an update of a text string in the first kind of data, and the related portion of the second kind of data is a portion of the bit map expressed character codes in the graphic data representing a same phrase as the text string in the first kind of data requested for the update by the edit command. The simultaneously updating includes updating the same phase in the graphic data to reflect a same change as is carried out by the update of the text string in the first kind of data.

ADVANTAGE - Simultaneously retrieves and edits number of kinds of data.

**Title Terms/Index Terms/Additional Words:** EDIT; APPARATUS; DATA; FORMAT; AUTOMATIC; MANAGE; DOCUMENT; FIGURE; SAVE; RETRIEVAL; UPDATE

**Class Codes**

International Classification (Main): G06F-015/419, G06F-003/14

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B; T01-J11A; T01-J11B

... automatically manages document data and figure data to save retrieving or updating

**Equivalent Alerting Abstract** ...portion of the first kind of data is determined and is simultaneously updated with the updating of the portion of the first kind of data in accordance with the edit command to edit the first kind of data. The second kind of data is graphic data including bit map expressed character codes...

#### Original Publication Data by Authority

#### Original Abstracts:

Corresponding portions between data having different data formats, such as document data and figure data, are automatically managed to save labors for retrieving or updating. A general editing apparatus is...

... Corresponding portions between data having different data formats, such as document data and figure data, are automatically managed to save labors for retrieving or updating. A general editing apparatus is

#### Claims:

...inputting at least data and an edit command in order to input, edit, and manage related data having different data formats, editing means (2) for sorting the data and the edit command input from said...

...the contents of editing executed by said editing means, comprising: means (11) for managing related portions in a first kind of data; said means extracting, storing, and updating related portions between individual components of the first kind of data stored by said data storing means; means (13) for managing related portions in a second kind of data; said means extracting, storing, and updating related portions between individual components of the second kind of data stored by said data...

...contents of said means for managing related portions between the first and second kinds of data, wherein data having at least two different data formats are simultaneously and simply retrieved and edited...

...kind of data and second kind of data, said first and said second kind of data having different data formats, a display for displaying portions of said data stored in said memory and an editing input means, said method comprising the steps of: receiving an edit a content of command to edit a portion of said first kind of data through said editing input means; updating said portion of said first kind of data stored in said memory in response to said edit command; determining a related portion of said second kind of data which is related to said portion of said first kind of data; and simultaneously updating said related portion of said second kind of data stored in said memory with said updating of said portion of said first kind of data in accordance with said edit command to edit said first kind of data.

18/9/56 (Item 11 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06168852 \*\*Image available\*\*  
DEVICE AND METHOD FOR PRESENTING INFORMATION AND STORAGE MEDIUM

PUB. NO.: 11-110399 [JP 11110399 A]  
PUBLISHED: April 23, 1999 (19990423)  
INVENTOR(s): HARASHIMA TAKAHIRO  
MURATA KATSUYUKI  
DOI MIWAKO  
APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 09-266523 [JP 97266523]  
FILED: September 30, 1997 (19970930)  
INTL CLASS: G06F-017/30; G06F-012/00; G06F-013/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an information presenting environment, which is kind for a user and has a high degree of freedom, by presenting **information** on a presentation **part** while automatically **adding** its **updating** conditions.

SOLUTION: When presenting **information** **linked** with the other **information** for presenting **information** distributed on a network, the information to be presented is read by a reading part 11 and the read information is locally stored in a storage part 12. At an interpretation part 13, the information read from the reading part 11 is interpreted and the other **information**, which is interpreted as the extension **linked information** in that process, is read by a comparative information reading part 14. A comparator part 15 compares the old information stored in the storage part 12 with the current information read by the comparative information reading part 14. Based on the **information** on the compared result, at a **reflection** part 16, a method for reflection on presentation contents is determined, and the presentation information is prepared by the interpretation part 13. Thus, at a presentation **part**, the **information** is presented while **automatically adding** its **updating** conditions.

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18/9/69 (Item 24 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03737071  
DEVICE AND METHOD FOR PROCESSING INFORMATION

PUB. NO.: 04-102171 [JP 4102171 A]  
PUBLISHED: April 03, 1992 (19920403)  
INVENTOR(s): HAYASHI TAKEHISA  
NOGUCHI YOSHIKI  
KURIHARA TSUNEYA  
ABE MASAHIRO  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 02-219039 [JP 90219039]  
FILED: August 22, 1990 (19900822)  
INTL CLASS: [5] G06F-015/40  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1390, Vol. 16, No. 337, Pg. 164, July  
22, 1992 (19920722)

#### ABSTRACT

PURPOSE: To automatically collect data by adding link information ,  
by which the part of a document having meaning contents corresponding  
to a keyword is made correspondent to the keyword, to a document.

CONSTITUTION: In the part of the document, the link information is  
added so as to make the part of the document having the meaning contents  
corresponding to each keyword correspondent to the keyword. Therefore, when  
a user designates the keyword concerning the desired information to obtain  
the information, it is possible to extract the part of the document having  
the meaning contents corresponding to the keyword from the inside of the  
document. Further, the user of the information processor stores the  
keyword, which is designated concerning the desired item to acquire the  
information , in the information processor and extracts the part of the  
document having the meaning contents corresponding to the designated  
keyword from the plural documents transmitted through an information  
network or various information media. Then, this is stored and accumulated.  
Thus, the data can be automatically collected.

18/9/70 (Item 25 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03194716  
DATA INPUT METHOD

PUB. NO.: 02-170216 [JP 2170216 A]  
PUBLISHED: July 02, 1990 (19900702)  
INVENTOR(s): ASAMI KO  
YAMADA SHOJI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 63-323303 [JP 88323303]  
FILED: December 23, 1988 (19881223)  
INTL CLASS: [5] G06F-003/02; G06F-003/02; G06F-015/00  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.4  
(INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1107, Vol. 14, No. 434, Pg. 126,  
September 18, 1990 (19900918)

#### ABSTRACT

PURPOSE: To reduce the working load of an operator by providing a data attribute process control part which decides the processing method of the input data by referring to an identification **information** store table storing the **relation** between the data attribute **information** and the process information and then processes the input data.

CONSTITUTION: A **data** attribute identification **information** detecting part detects **automatically** the symbol added to the head or the end of the input data, a specific character string included in the input data, or the classification of the input **data** as the **data** attribute **information**. An identification **information** store table stores the process information and the data input field position information serving as the data attribute information, the data process formula information, the data transfer destination **information**, the data delivery destination **information**, or the **relation** with the data store address **information**. Then a data attribute process control part refers to the identification **information** store table to retrieve the process **information** corresponding to the data attribute **information** detected at the data attribute identification information detecting part and carries out a due process based on the obtained process information. Thus it is possible to designate the data processing method concurrently with the input of data.

22/69,K/17 (Item 17 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0006603152 - Drawing available

WPI ACC NO: 1993-046869/

XRFX Acc No: N1993-035910

**Information recording device - includes detector sensing presence of information signals, which are recorded w.r.t. received information**

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS ELECTRONICS NV (PHIG); PHILIPS GLOEILAMPENFAB NV (PHIG); US PHILIPS CORP (PHIG)

Inventor: FISSER G J; STAS D H S

**Patent Family (8 patents, 9 countries)**

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 526925	A1	19930210	EP 1992201944	A	19920630	199306 B
NL 199101188	A	19930201	NL 19911188	A	19910708	199308 E
TW 215957	A	19931111	TW 1992105165	A	19920630	199404 E
US 5319628	A	19940607	US 1992902644	A	19920623	199422 E
EP 526925	B1	19970903	EP 1992201944	A	19920630	199740 E
DE 69221974	E	19971009	DE 69221974	A	19920630	199746 E
			EP 1992201944	A	19920630	
ES 2109307	T3	19980116	EP 1992201944	A	19920630	199810 E
KR 268619	B1	20001016	KR 199211973	A	19920706	200138 E

Priority Applications (no., kind, date): NL 19911188 A 19910708

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 526925	A1	EN	12	7	
Regional Designated States, Original: BE DE ES FR GB IT					
TW 215957	A	ZH			
US 5319628	A	EN	11	7	
EP 526925	B1	EN	11	7	
Regional Designated States, Original: BE DE ES FR GB IT					
DE 69221974	E	DE			Application EP 1992201944
					Based on OPI patent EP 526925
ES 2109307	T3	ES			Application EP 1992201944
					Based on OPI patent EP 526925

#### Alerting Abstract EP A1

The device comprises an input for receiving the information signals to be recorded and includes recording unit for recording received main information signals together with additional information on the record carrier. The device also has a signal presence detector which senses the presence of information signals to be recorded on the basis of the input information. An adaptor unit causes the additional information to be modified w.r.t a detection that, at least during a first set time interval, an interruption of the presence of the information has been detected.

A terminating device stops the recording in response to a detection that, at least for a set second time interval which is longer than the first, the presence of the information has not been detected.

USE/ADVANTAGE - Compact disc data recording . Allows subcode to always have correct relation with recorded information with reduced attention from user.

#### Equivalent Alerting Abstract US A

The recording device comprises a controller for generating auxiliary information to be associated with a received information signal during recording, the auxiliary information being adapted in relationship to the associated information signal. A recorder is coupled to the input and to the controller for converting each received information signal and the

associated auxiliary information into a recording signal for controlling a write head to record the record carrier in accordance with the recording signal.

A signal presence detector is coupled to the input for detecting whether a presently received information signal is valid for recording and is received at least a first predetermined time interval (T3) after a last previous information signal which was valid for recording, and in that event to supply a control signal to the controller to cause it to adapt the auxiliary information generated thereby so as to relate to the presently received information signal.

ADVANTAGE - Requirers less attention on part of user.

**Title Terms/Index Terms/Additional Words:** INFORMATION; RECORD; DEVICE; DETECT; SENSE; PRESENCE; SIGNAL; RECEIVE

**Class Codes**

International Classification (Main): G11B-011/03, G11B-015/02, G11B-020/00, G11B-021/10, G11B-007/00  
(Additional/Secondary): G11B-019/02, G11B-027/30

File Segment: EPI;

DWPI Class: T03; W04

Manual Codes (EPI/S-X): T03-B06A; T03-N01; W04-C06; W04-C10A

**Alerting Abstract ...USE/ADVANTAGE - Compact disc data recording .**  
Allows subcode to always have correct relation with recorded information with reduced attention from user.

**Original Publication Data by Authority**

**Original Abstracts:**

...is detected on the basis of subcode information received toge ther with the digital audio **information** . Furthermore, the device includes an **automatic adaptation** of this subcode **information** , which is related to the number of recorded information signals, such as the relative time...

...the presence of information to be recorded is detected on the basis of the subcode **information** and audio **information** in such signal. The device also provides an **automatic adaptation** of such subcode **information** so as to relate it to the number of already recorded information signals, such as...

**Claims:**

...an input for receiving the digital information signals to be recorded, which signals comprise main **information** and subcode **information** , the subcode **information** denoting whether the associated main information is valid, and including recording means for recording received...

22/9/19 (Item 2 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06720487 \*\*Image available\*\*  
METHOD AND APPARATUS FOR CONVERTING INFORMATION AND INFORMATION  
REPRODUCING APPARATUS

PUB. NO.: 2000-306325 [JP 2000306325 A]  
PUBLISHED: November 02, 2000 (20001102)  
INVENTOR(s): YOSHIO JUNICHI  
TENMA TETSUYA  
FUNAMOTO KYOTA  
HARAGUCHI YUKIYOSHI  
APPLICANT(s): PIONEER ELECTRONIC CORP  
APPL. NO.: 11-110132 [JP 99110132]  
FILED: April 16, 1999 (19990416)  
INTL CLASS: G11B-020/10; H04L-012/28; H04L-012/40

#### ABSTRACT

PROBLEM TO BE SOLVED: To obtain an information converting method, etc., for efficiently converting audio information supplied, based on predetermined specifications into transmission information to be transmitted through a data bus based on predetermined specifications.

SOLUTION: The method for converting audio information based on the DVD Audio Standards into transmission information based on the IEEE 1394 Standard comprises extracting reproduction control information contained in a private heater, grouping the audio information in packets to form audio data AD1-AD6, and adding the reproduction control information such as dynamic range control data DRC following the audio data AD1-AD6, thereby forming isochronous packets IP.

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Set	Items	Description
S1	1835947	METADATA? OR META()DATA? ? OR INFORMATION?? OR INSTRUCT? OR INFO OR DESCRI? OR SPECIFIC? OR DATA(2W)DATA OR INFORMATION?- ? (2W) INFORMATION??
S2	597185	S1(7N) (MODIF? OR REVIS??? OR REMODEL? OR ADAPT? OR CHANGE? ? OR CHANGING? OR UPDATING? OR UP()DATE? ? OR CUSTOM? OR TRANSFORM? OR ALTER??? OR REARRANG? OR ADD???)
S3	12661	S2(7N) (DYNAMIC? OR AUTOMATIC? OR SMART? OR PERPETUAL? OR INTUIT? OR SELF OR SELF()DIRECT? OR INTELLIGENT?)
S4	814251	S1(7N) (AFFILIAT? OR ASSOCIAT? OR BOUND? OR CONNECT? OR LINK??? OR CORRELAT? OR RELAT? OR FUNCTION? OR DEPEND?)
S5	475261	S1(7N) (CONJUNCT? OR PARTNER? OR COUPL? OR JOIN? OR CORRESPOND? OR ATTACH? OR CONTINGENT? OR REFLECT? OR SENTITIVE?)
S6	1980916	DATA? ? OR INFORMATION?? OR CONTENT? ? OR RECORD??? OR OBJECT? ? OR FILE?
S7	22758	S6(5N) (OPTICAL? (2W) (DISC? ? OR DISK? OR MEDIA? ? OR MEDIUM- ?))
S8	31217	S6(5N) (COMPACT() (DISC? ? OR DISK?) OR CD OR CDROM OR CD()ROM OR DVD OR DVD()ROM)
S9	317842	S6:S8(5N) (FRACTION? OR PART??? OR PORTION? OR SUBSET? OR FRAGMENT? OR PIECE? OR SEGMENT? OR DETAIL?)
S10	61596	S7:S9(5N) (MULTIPL? OR PLURAL? OR EXTRA? OR DUPLICAT? OR ANOTHER? OR DIFFERENT OR MORE(2N)ONE OR SEVERAL OR MANY?)
S11	5110	S9:S10(7N) (RIP OR RIPS OR RIPPED OR RIPPING OR COPY??? OR COPIED OR COPIES OR BURN??? ?)
S12	32904	S9:S10(7N) (MODIF? OR REVIS??? OR REMODEL? OR ADAPT? OR CHANGE? ? OR CHANGING? OR UPDATING? OR UP()DATE? ? OR CUSTOM? OR TRANSFORM? OR ALTER??? OR REARRANG? OR ADD???)
S13	431	S3(100N)S4:S5(100N)S11:S12
S14	430	S13(100N)S3(50N)S4:S5(50N)S11:S12
S15	430	S14(100N)S3(25N)S4:S5(25N)S11:S12
S16	430	S15(100N)S3(10N)S4:S5(10N)S11:S12
S17	246	S16(100N) (METADATA? OR META()DATA? ? OR INFORMATION?? (2W) INFORMATION?? OR DATA(2W)DATA)
S18	52	S17(100N)S11
S19	37	S18 NOT (AD>2001 OR AD=2002:2006)
S20	194	S17 NOT S18
S21	21	S20(100N) (MUSIC OR SONG? ? OR MULTI()MEDIA? OR MULTIMEDIA?)
S22	184	S16 NOT S17
S23	10	S22(100N) (MUSIC OR SONG? ? OR MULTI()MEDIA? OR MULTIMEDIA?)
S24	174	S22 NOT S23
S25	6	S24(100N)AUDIO
S26	10	S3(100N)S7:S8(100N)S4:S5(100N)S11
S27	89	S18 OR S21 OR S23 OR S25
S28	1	S26 NOT S27

File 348:EUROPEAN PATENTS 1978-2006/ 200648

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File 349:PCT FULLTEXT 1979-2006/UB=20061207UT=20061130

(c) 2006 WIPO/Thomson

21/5,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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02029624

Adaptive modification of fuzzy content network using subsets  
Automatische Anpassung von Fuzzy-Netzen via Netzteilmengen  
Adaptation automatique de reseaux fuzzy en utilisant de sous-ensembles de  
reseaux

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PATENT (CC, No, Kind, Date): EP 1630701 A1 060301 (Basic)

APPLICATION (CC, No, Date): EP 2005108732 010313;

PRIORITY (CC, No, Date): US 206898 P 000525

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

RELATED PARENT NUMBER(S) - PN (AN):

EP 1311980 (EP 2001916608)

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0017/30 A I F B 20060101 20060110 H EP

G06N-0007/02 A I L B 20060101 20060110 H EP

ABSTRACT EP 1630701 A1

A system and a method for managing information encapsulates the  
information as objects (34). The objects (34) are related by a degree to  
other objects (34) in a content network (40). The relationships (42)  
between the objects (34) may be established and enhanced by various  
means, including combining fuzzy object subsets (34c, 34t), establishing  
subsets and applying access control, and/or applying edit cascading  
control to a subset. An attractive user interface (14) facilitates use  
and management of the network (40) by many users. Access to the content  
network (40) may be customized for distinct user groups.

ABSTRACT WORD COUNT: 97

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 060301 A1 Published application with search report

Change: 061108 A1 Title of invention (German) changed: 20061108

Change: 061108 A1 Title of invention (English) changed: 20061108

Change: 061108 A1 Title of invention (French) changed: 20061108

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200609	1488
SPEC A	(English)	200609	7543
Total word count - document A			9031
Total word count - document B			0
Total word count - documents A + B			9031

...SPECIFICATION divided from our European patent application no.

EP-A-1,311,980.

## Background

This invention **relates** to storage and management of information and, more particularly, to a fuzzy set-based architecture...

- ...and so on. Often, a hierarchical structure is established for storing the information, but the **relationship** between the data items is not effectively catalogued. Further, incompatibility between file formats often frustrates...
- ...a flat file structure. The files are often "related" in a tree hierarchy, but the **relationships** provide very limited **information** on context of the files. The most sophisticated search engines are powerless to provide truly...
- ...link may have a weighting that represents the strength of the relationship, represented by a " **link** object". The documents or multimedia may be **described** as "node objects" in a network, and the documents or multimedia may have **associated descriptive** attributes, such as title, author, and key words ("node descriptors"). Further, some of these objects may not contain information or references to **information** per se, but may have **associated** attributes and relationships with other objects (these types of objects are termed "semantic objects"). Establishing...
- ...enabling certain modifications to the object network, are also described.
  - Wiesener S., et al, further **describe** a particular method of automatically creating **links** within the object network. These links are termed "virtual edge objects". The links are generated...
- ...Automatic generation of relationships ("virtual edges") are based only on the attributes of the meta- **information** of objects (and are restricted to **connecting** "semantic objects" with non-semantic objects). Automatically created relationships between semantic and non-semantic objects...
- ...the content network further may be customized for distinct user groups.

## Fuzzy Set Theory

The **relational** database paradigm, as first **described** by Codd in 1970, employs a generalized, abstract mathematical model (based on classical set theory...

25/5,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01172649

Information server

Informationsserver

Serveur d' information

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1022901 A1 000726 (Basic)

APPLICATION (CC, No, Date): EP 99300439 990121;

DESIGNATED STATES: BE; DE; FR; GB; NL; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04N-007/16; H04N-007/24; H04H-001/02;  
H04L-029/06; H04N-007/173

ABSTRACT EP 1022901 A1

An information server for providing information in an output transport stream, the information server comprising an API server for receiving control and data from an external host controller, a storage for storing at least said data, at least one stream generator for assembling transport stream packets from said data under the control of the API server.

ABSTRACT WORD COUNT: 57

NOTE:

Figure number on first page: 4A

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 000726 A1 Published application with search report

Examination: 010307 A1 Date of request for examination: 20010105

Assignee: 010620 A1 Transfer of rights to new applicant: Sony  
Service Centre (Europe) N.V. (2665701)  
Technologielaan 7 1840 Londerzeel BE

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200030	276
SPEC A	(English)	200030	6042
Total word count - document A			6318
Total word count - document B			0
Total word count - documents A + B			6318

SPECIFICATION The present invention **relates** to an information server for providing information in an output transport stream, more particularly to ...

...it is possible to change the driver with which the information server is used without **changing** any other **part** of the **information** server.

The present invention will be more clearly understood from the following description, given by...

...Figure 7 illustrates the construction of DVB sections from files; and

Figure 8 illustrates a **dependency** structure for data transformations.

The following **description** **relates** to an **Information** Server to which the present invention may be applied. In particular, an architecture is proposed...

...of generating DVB compliant transport streams containing DSMCC Data and Object Carousels. In addition, the **Information** Server is to support the **dynamic updating** of content inside a DSMCC Data and Object Carousel while it is being streamed out...

Set	Items	Description
S1	21980739	METADATA? OR META()DATA? ? OR INFORMATION?? OR INSTRUCT? OR INFO OR (SONG? ? OR MOVIE? OR AUDIO OR TRACK? ?) () (TITLE? ? - OR NAME) OR DESCRI? OR SPECIFIC? OR DATA(2W)DATA OR INFORMATION?? (2W)INFORMATION??
S2	2244824	S1(7N) (MODIF? OR REVIS??? OR REMODEL? OR ADAPT? OR CHANGE? ? OR CHANGING? OR UPDATING? OR UP()DATE? ? OR CUSTOM? OR TRANSFORM? OR ALTER??? OR REARRANG? OR ADD???)
S3	61622	S2(7N) (DYNAMIC? OR AUTOMATIC? OR SMART? OR PERPETUAL? OR INTUIT? OR SELF OR SELF()DIRECT? OR INTELLIGENT?)
S4	2140357	S1(7N) (AFFILIAT? OR ASSOCIAT? OR BOUND? OR CONNECT? OR LINK??? OR CORRELAT? OR RELAT? OR FUNCTION? OR DEPEND?)
S5	873128	S1(7N) (CONJUNCT? OR PARTNER? OR COUPL? OR JOIN? OR CORRESPOND? OR ATTACH? OR CONTINGENT? OR REFLECT? OR SENTITIVE?)
S6	643996	(MOVIE? OR MOTION()PICTUR? OR SONG? ? OR AUDIO OR MUSIC OR MULTIMEDIA? OR MULTI()MEDIA) (5N) (DATA? ? OR INFORMATION?? OR CONTENT? ? OR RECORD??? OR OBJECT? ? OR FILE?)
S7	1037	S6(5N) (OPTICAL? (2W) (DISC? ? OR DISK? OR MEDIA? ? OR MEDIUM-?))
S8	33639	S6(5N) (COMPACT() (DISC? ? OR DISK?) OR CD OR CDROM OR CD()ROOM OR DVD OR DVD()ROM)
S9	14571	S6:S8(5N) (FRACTION? OR PART??? OR PORTION? OR SUBSET? OR FRAGMENT? OR PIECE? OR SEGMENT? OR DETAIL?)
S10	2060	S7:S9(5N) (MULTIPL? OR PLURAL? OR EXTRA? OR DUPLICAT? OR ANOTHER? OR DIFFERENT OR MORE(2N)ONE OR SEVERAL OR MANY?)
S11	368	S9:S10(7N) (RIP OR RIPS OR RIPPED OR RIPPING OR COPY??? OR COPIED OR COPIES OR BURN??? ?)
S12	863	S9:S10(7N) (MODIF? OR REVIS??? OR REMODEL? OR ADAPT? OR CHANGE? ? OR CHANGING? OR UPDATING? OR UP()DATE? ? OR CUSTOM? OR TRANSFORM? OR ALTER??? OR REARRANG? OR ADD???)
S13	4	S3(100N)S3:S4(100N)S11:S12
S14	12	S3(100N)S7:S8
S15	12	S14 NOT S13
S16	0	S3(100N)S11
S17	4	S3(100N)S12
S18	0	S17 NOT S13:S15
File 275:Gale Group Computer DB(TM) 1983-2006/Dec 07 (c) 2006 The Gale Group		
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Dec 05 (c) 2006 The Gale Group		
File 636:Gale Group Newsletter DB(TM) 1987-2006/Dec 07 (c) 2006 The Gale Group		
File 16:Gale Group PROMT(R) 1990-2006/Dec 07 (c) 2006 The Gale Group		
File 160:Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group		
File 148:Gale Group Trade & Industry DB 1976-2006/Dec 06 (c)2006 The Gale Group		
File 624:McGraw-Hill Publications 1985-2006/Dec 08 (c) 2006 McGraw-Hill Co. Inc		
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File 696:DIALOG Telecom. Newsletters 1995-2006/Dec 07 (c) 2006 Dialog		
File 369:New Scientist 1994-2006/Sep W3 (c) 2006 Reed Business Information Ltd.		
File 810:Business Wire 1986-1999/Feb 28		

FT. Npl. files  
- nothing found

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File 610:Business Wire 1999-2006/Dec 08  
(c) 2006 Business Wire.  
File 613:PR Newswire 1999-2006/Dec 08  
(c) 2006 PR Newswire Association Inc